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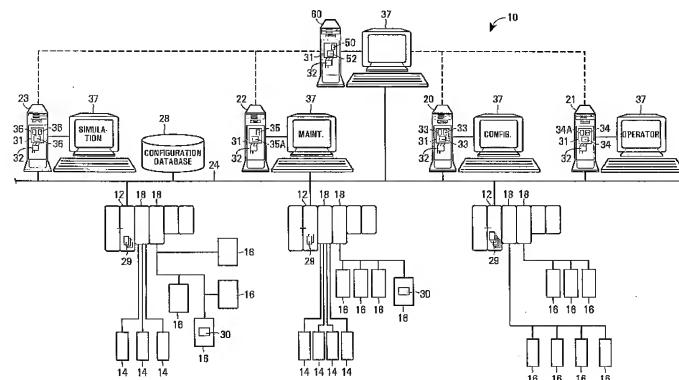
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(54) Title: SCRIPTED GRAPHICS IN A PROCESS ENVIRONMENT

(57) Abstract: Graphic elements and graphic displays are provided for use in a process environment to display information to one or more users about the process environment, such as the current state of devices within a process plant. The graphic elements and displays include one or more objects, each of which includes a visualization, which depicts an entity within the process environment, a property associated with the depicted process entity and a routine that operates in conjunction with the visualization and the property to cause a change in the-visualization based on a change in the property, or to cause a change in the process environment based on user input through the visualization. In this manner, the graphic objects can be used to create displays that graphically illustrate, through animations and other visual operations, the changing state of the process or detected events within the process. These same graphic elements may be used to enable users to interact with a visualization on a user interface screen, such as through a mouse or a keyboard device, to cause a change in the object property, which may then provide an input to a device within the process plant.

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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